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**PETITION TO ACCEPT UNAVOIDABLY DELAYED PAYMENT OF  
MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378(b))**

Docket Number (Optional)  
NLIGHT-FULB001

Mail to: Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450  
Fax: (571) 273-8300

02/16/2012 DALLEN 00000015 6663785  
01 FC:1599 1425.00 0

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

Patent Number: 6,663,785

Application Number: 10/092018

Issue Date: 12/16/2003

Filing Date: 3/06/2002

CAUTION: Maintenance fee (and surcharge, if any) payment must correctly identify: (1) the patent number (or reissue patent number, if a reissue) and (2) the application number of the actual U.S. application (or reissue application) leading to issuance of that patent to ensure the fee(s) is/are associated with the correct patent. 37 CFR 1.366(c) and (d).

Also complete the following information, if applicable:

The above-identified patent:

☐ is a reissue of original Patent No. \_\_\_\_\_ original issue date 02/16/2012 DALLEN 00000016 6663785  
original application number \_\_\_\_\_ 01 FC:1599  
original filing date \_\_\_\_\_

☐ resulted from the entry into the U.S. under 35 U.S.C. 371 of international application  
\_\_\_\_\_ filed on \_\_\_\_\_

**CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is

(1) being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 OR

(2) transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

February 7, 2012  
Date

Signature

Ethan A. McGrath

Typed or printed name of person signing Certificate

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## 1. SMALL ENTITY

☒ Patentee claims, or has previously claimed, small entity status. See 37 CFR 1.27

## 2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS

☐ Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g)

## 3. MAINTENANCE FEE (37 CFR 1.20(e)-(g))

The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier.

NOT Small Entity			Small Entity		
Amount	Fee	(Code)	Amount	Fee	(Code)
<input type="checkbox"/> \$ _____	3 ½ yr fee	(1551)	<input type="checkbox"/> \$ _____	3 ½ yr fee	(2551)
<input type="checkbox"/> \$ _____	7 ½ yr fee	(1552)	<input checked="" type="checkbox"/> \$ 1425	7 ½ yr fee	(2552)
<input type="checkbox"/> \$ _____	11 ½ yr fee	(1553)	<input type="checkbox"/> \$ _____	11 ½ yr fee	(2553)

MAINTENANCE FEE BEING SUBMITTED \$ 1425

## 4. SURCHARGE

The surcharge required by 37 CFR 1.20(i)(1) of \$ 700 (Fee Code 1557) must be paid as a condition of accepting unavoidably delayed payment of the maintenance fee.

SURCHARGE FEE BEING SUBMITTED \$ 700

## 5. MANNER OF PAYMENT

- ☐ Enclosed is a check for the sum of \$ \_\_\_\_\_
- ☐ Please charge Deposit Account No. \_\_\_\_\_ the sum of \$ \_\_\_\_\_
- ☒ Payment by credit card. Form PTO-2038 is attached.

## 6. AUTHORIZATION TO CHARGE ANY FEE DEFICIENCY

☐ The Director is hereby authorized to charge any maintenance fee, surcharge or petition fee deficiency to Deposit Account No. \_\_\_\_\_

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**7. OVERPAYMENT**

As to any overpayment made, please

☐ Credit to Deposit Account No. \_\_\_\_\_

OR

☒ Send refund check**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

**8. SHOWING**

The enclosed statement will show that the delay in timely payment of the maintenance fee was unavoidable since reasonable care was taken to ensure that the maintenance fee would be paid timely and that this petition is being filed promptly after the patentee was notified of, or otherwise became aware of, the expiration of the patent. The statement must enumerate the steps taken to ensure timely payment of the maintenance fee, the date and the manner in which the patentee became aware of the expiration of the patent, and the steps taken to file the petition promptly.

**9. PETITIONER(S) REQUESTS THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED.**
  
 \_\_\_\_\_  
 Signature(s) of Petitioner(s)

 FEBRUARY 7, 2012  
 \_\_\_\_\_  
 Date

Ethan McGrath

\_\_\_\_\_  
Typed or printed name(s)

5408 NE 88th Street, Building E

\_\_\_\_\_  
Address

Vancouver, WA 98665

\_\_\_\_\_  
Address

63874

\_\_\_\_\_  
Registration Number, if applicable

773-965-4637

\_\_\_\_\_  
Telephone Number**ENCLOSURES:**

- ☒ Maintenance Fee Payment
- ☒ Statement why maintenance fee was not paid timely
- ☒ Surcharge under 37 CFR 1.20(i)(1) (fee for filing the maintenance fee petition)

☒ Other: 1) Power of attorney and change of correspondence address. 2) Statement under 3.73(b).  
3) Credit card authorizations. 4) Statement showing delay unavoidable.

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37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."

  
Signature

FEBRUARY 7, 2012  
Date

Ethan McGrath

Type or printed name

63874

Registration Number, if applicable

STATEMENT

(In the space below, please provide the showing of unavoidable delay recited in paragraph 8 above.)

Please see statement included in this mailing.

(Please attach additional sheets if additional space is needed)

STATEMENT FOR PETITION UNDER 35 CFR § 1.378(b) SHOWING UNAVOIDABLE DELAY

During the Friday afternoon of February 3, 2012 it came to my attention that patent 6,663,785 as well as two others had expired for failure to pay maintenance fees by a date in December of 2011. Control over this patent (as well as the two others) was transferred from the outside firm that handled its prosecution to nLIGHT internal patent counsel during the middle of 2011 (Jun-Jul). Subsequent maintenance fee reminders or other correspondence from the USPTO would be mailed to nLIGHT directly. However, during the transfer a miscommunication occurred. At some point my registration number (63874) was communicated to the firm. Thinking my registration number was my customer number, the firm changed the fee address for all patents that it formerly handled to customer number 63874. However, the customer number I have associated with my registration number is actually customer number 11014. Consequently, all correspondence related to the patents formerly handled by the firm that may have been sent out by the USPTO after the external-internal firm transition (including maintenance fee reminders) has not been received at the correct address associated with the nLIGHT Photonics customer number 11014 but instead has been sent to the incorrect entity or practitioners associated with customer number 63874. Moreover, no notice to us has been provided by whoever may have received the incorrect mailings. Also included in this petition is a new power of attorney and change of address form so that the patent will be properly associated with customer number 11014 which currently includes association with my registration number 63874. It is for these reasons the delay in paying the maintenance fee was unavoidable, and the petition to accept the late maintenance fee and reinstate the patent is requested.

Respectfully submitted,

/Ethan A. McGrath/

Ethan A. McGrath Reg. No. #63874

Date: 7-FEB-2012

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**PATENT - POWER OF ATTORNEY  
OR  
REVOCATION OF POWER OF ATTORNEY  
WITH A NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Patent Number	6663785
Issue Date	12/16/2003
First Named Inventor	Zhe Huang
Title	BROAD SPECTRUM EMITTER ARRAY AND METHODS FOR
Attorney Docket Number	NLIGHT-FULB001

I hereby revoke all previous powers of attorney given in the above-identified patent.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

11014

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

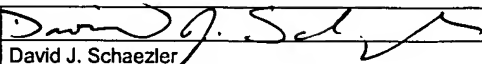
☐ Inventor, having ownership of the patent.

OR

☒ Patent owner.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on \_\_\_\_\_.

**SIGNATURE of Inventor or Patent Owner**

Signature		Date	2/7/2012
Name	David J. Schaezler	Telephone	360-566-4460
Title and Company	CFO, nLIGHT Photonics		

**NOTE:** Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: nLIGHT PhotonicsApplication No./Patent No.: 10092018/6663785Filed/Issue Date: filed:3/6/2002 issued:12/16/2003Titled: **BROAD SPECTRUM EMITTER ARRAY AND METHODS FOR FABRICATION THEREOF**nLIGHT Photonics, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012942, Frame 0402, or for which a copy therefore is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

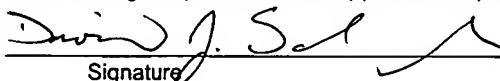
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature2/7/2012  
Date

David J. Schaezler

CFO

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.